

10/581033

1AP20 Rec'd PCT/PTO 30 MAY 2006

Docket No.: 0690-0129PUS1  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Rainer NOACK et al.

Application No.: NEW

Confirmation No.: N/A

Filed: May 30, 2006

Art Unit: N/A

For: METHOD FOR THE PRODUCTION OF 2,3-  
CIS-SUBSTITUTED 2-ARYL PROPENALS

Examiner: Not Yet Assigned

**INFORMATION DISCLOSURE STATEMENT (IDS)**

MS PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement accompanies the new patent application submitted herewith.

A summary/abstract translation of some of the non-English language references is enclosed. EP 0 352 675-A corresponds to DE 38 25 586-A1. US Patent No. 5,089,917-A corresponds to both EP 0 352 675-A and DE 38 25 586-A1. US Patent No. 4,920,232-A corresponds to DE 37 22 886-A1.

Non Patent Literature References by HOUBEN-WEYL, ALDER et al., TREIBS et al., and ERICKSEN et al., and German Patents Nos. DE 38 25 586-A1 and DE 37 22 886 are discussed on page 1 of the present specification.

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Applicant has not submitted copies of each cited U.S. patent and U.S. patent application as required by 37 CFR 1.98(a)(2)(i), amended October 2004, as the U.S. Patent and Trademark Office has waived this requirement for all U.S. patent applications. Applicant submits herewith copies of foreign and non-patents in accordance with 37 CFR 1.98(a)(2).

A concise explanation of relevance of some of the items listed on form PTO/SB/08 is in the form of an English language copy of a Search Report from a foreign patent office, issued in a counterpart application, which refers to the relevant portions of the references.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to our Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under § 1.17; particularly, extension of time fees.

Dated: May 30, 2006

Respectfully submitted,

By   
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Attorney for Applicant

Substitute for form 1449A/B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	NEW 60/591037
				Filing Date	May 30, 2006 591037
				First Named Inventor	Rainer NOACK
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	2	Attorney Docket Number	0690-0129PUS1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	AA*	US-4,920,232-A	04-24-1990	GOETZ et al.	
	AB*	US-5,089,917-A	02-18-1992	KANOTA et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	BA	EP-0 352 675-A2	01-31-1990			
	BB	DE-38 25 586-A1	02-01-1990			ABS
	BC	DE-37 22 886-A1	01-19-1989			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CA	HOUBEN-WEYL, Höhere Aldehyde durch Aldokondensationen, Methoden der organischen Chemie, Band VII/1, 1954, pp.76-96, Georg-Thieme-Verlag, Stuttgart, Germany.	
	CB	KURT ALDER et al., Darstellung einiger 1,2-disubstituierter Deine und ihre Verwendung zu Dien-Synthesen, Annalen der Chemie, 1954, Band 56, pp. 110-136.	
	CC	WILHELM TREIBS et al., Über einige Adol- und Kondensationsreaktionen de Phenylacetaldehyds, Chemische Berichte, 1952, vol. 85, pp. 1116-1119.	
	CD	J.L.E. ERICKSON et al., The Spontaneous Polymerization of Phenylacetaldehyde, Journal of the American Chemical Society, 1958, vol. 80, pp. 5466-5469.	
	CE	BEILSTEIN INSTITUT FÜR FÖRDERUNG DER CHEMISCHEN WISSENSCHAFTEN, Beilstein Reaction nr: 2044673, 06-27-1998, Frankfurt am Main, Germany.	
	CF	PAUL SCHORIGIN et al., Aldehyde vom Typus des Zimtaldehyds, II.Mitteil.: α-Phenyl- und α-Benzyl-zimtaldehyd, 1933, vol. 66, pp. 389-393.	
	CG	PIERRE COURTOT et al., Photocycloaddition selon un mod [4πs = 2πa] chez le E,Z,E diphényl-2,6 p-tolyl-1 hexatriène-1,3,5, J. Chem. Res. Miniprint, 1981, vol. 10, pp. 3516-3528.	
	CH	M.J. CLIMENT et al., Aldol Condensations on Solid Catalysts: A Cooperative Effect between Weak Acid and Base Sites, Advance Synthetic Catalysts, 2002, vol. 344-10, pp. 1090-1096.	
	CI	JI-HYUN KIM et al., A Tandem Epoxide Isomerization-Aldol Condesation Process Catalyzed by Palladium Acetate-Tributylphosphine, Journal of Organic Chemistry, 1996, vol. 61, pp. 7656-7657.	

Examiner Signature		Date Considered	
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1AP20 Rec'd PTO 30 MAY 2006

PTO/SB/08a/b (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
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				Art Unit	N/A
				Examiner Name	Not Yet Assigned
				Attorney Docket Number	0690-0129PUS1
Sheet	2	of	2		

CJ	ROBERT L. STERN et al., Enazine Chemistry II. The Mechanism of Formation of 1-( <i>cis</i> -3-Phenylpropenyl)-5-phenypyrazole from the Pyrolysis of Cinnamaldehyde Azine (1).
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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